

CLAIMS

1. Occlusive device for medical or surgical use, comprising a hollow cylindrical element (1) that can be
5 twisted according to its axis to create a striction zone, characterised in that

it comprises two obturation elements (2a, 2b) integral to the inner wall of the cylindrical element (1), leaving a passage (3) and arranged to press against each other to block
10 the passage (3) when the cylindrical element (1) is twisted.

2. Device according to claim 1, characterised in that the two obturation elements (2a, 2b) are integral to two distinct areas of the length of the cylindrical element (1).

3. Device according to claim 1 or 2, characterised in
15 that

the obturation elements (2a, 2b) have a crescent-shaped cross section.

4. Device according to any of claims 1 to 3, characterised in that
20 the two obturation elements (2a, 2b) are integral to two diametrically opposed areas of the wall of the cylindrical element (1).

5. Device according to any of claims 1 to 4, characterised in that
25 the obturation elements (2a, 2b) are made from a polymeric material.

6. Device according to any of claims 1 to 5, characterised in that
there are two end parts, surrounding the cylindrical
30 element (1) and whose angular position determines the torsion of said cylindrical element (1).

7. Device according to any of claims 1 to 6, characterised in that

the cylindrical element (1) has a circular cross section.

8. Device according to any of claims 1 to 7, characterised in that

5 the obturation elements (2a, 2b) are applied one against each other by means of one of their lateral surfaces.

9. Vascular occlusion device, characterised in that it comprises an occlusive device according to any of claims 1 to 8.

10 10. Device according to claim 9, characterised in that it possesses two end parts, surrounding the cylindrical element (1) and whose relative angular position determines the torsion of said cylindrical element (1), said end parts possessing means of attachment to the wall of a vessel.

15 11. Device according to claim 10, characterised in that the attachment systems are expanding elements (5, 6).

12. Device according to claim 11, characterised in that it possesses a seal (11) on the outer surface of at least one of the expanding elements (5, 6), said seal (11) being appropriate for application to the wall of a vessel.

20 13. Device according to either of claims 11 or 12, characterised in that

it presents a peripheral obturation web (12) extending from one end of at least one obturation element and the edge (13) of the corresponding expanding element (5, 6).

25 14. Device according to any of claims 9 to 13, characterised in that

it comprises a removable guide (7) positioned according to the axis (4) of the cylindrical element (1) and crossing the passage (3).

30 15. Device according to claim 14, characterised in that it possesses a removable sheath (8) inserted between the wall of the obturation elements (2a, 2b) and the external wall of the guide (7).

16. Device according to any of claims 9 to 15,
characterised in that

it comprises a removable sleeve (9) surrounding the
occlusive device.

5 17. Valve (15) for surgical or medical instrument,
comprising a closeable passage, characterised in that

it comprises an occlusive device according to any of
claims 1 to 8.

10 18. Valve (15) according to claim 17, characterised in
that

the cylindrical element (1) can be twisted by means of
two rings (16, 17), each of which is integral to one end of
the cylindrical element (1).